

Recalculations - Nickel (Ni)

The changes in the **National Total** reported for **1990 (-6.83 t or -2 %)** are dominated by a revision in **NFR 1.A.3.d ii with -6.97 t**.

However, the strongest percental change occurs for **NFR 1.A.5.b with plus 441 %**.

Table 1: Changes in emission estimates for 1990

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 332,74 | 332,74 | 0,00 | 0,00% | sub-category chapters |
| NFR 1 - Energy | 305,13 | 305,13 | 0,00 | 0,00% | sub-category chapters |
| 1.A.2.g vii | 0,0002988 | 0,0002992 | 0,0000004 | 0,13% | here |
| 1.A.3.b i | 0,06880 | 0,06848 | -0,00031 | -0,45% | here |
| 1.A.3.b ii | 0,00161 | 0,00199 | 0,00038 | 23,76% | here |
| 1.A.3.b iii | 0,00216 | 0,00205 | -0,00011 | -4,87% | here |
| 1.A.3.b iv | 0,00115 | 0,00118 | 0,00003 | 2,99% | here |
| 1.A.4.a ii | 0,00003653 | 0,00003650 | -0,00000003 | -0,09% | here |
| 1.A.4.b ii | 0,023643 | 0,023647 | 0,000005 | 0,02% | here |
| 1.A.4.c ii | 0,045725 | 0,045722 | -0,000003 | -0,01% | here |
| NFR 2 - IPPU | 27,61 | 27,61 | 0,00 | 0,00% | sub-category chapters |
| 2.A.3 | 0,06 | 0,08 | 0,03 | 43,63% | here |
| 2.D.3.g | NA | 0,01 | 0,01 | | here |
| 2.G | 1,5786 | 1,5785 | -0,0002 | -0,01% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |

The changes in the **National Total** reported for **2019 (-1.45 t or -1.04 %)** are dominated by revisions in NFRs **1.A.1.b with -1.46 t** and **2.G with +0.17 t** together with more or less significant revisions throughout NFRs 1 and 2.

However, the strongest percental changes occur for NFRs **1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes in emission estimates for 2019

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 138,99 | 137,54 | -1,45 | -1,04% | sub-category chapters |
| NFR 1 - Energy | 131,33 | 129,72 | -1,61 | -1,22% | sub-category chapters |
| 1.A.1.a | 3,40 | 3,34 | -0,06 | -1,91% | here |
| 1.A.1.b | 76,00 | 74,53 | -1,46 | -1,93% | here |
| 1.A.1.c | 0,031 | 0,030 | -0,001 | -2,36% | here |
| 1.A.2.g vii | 0,000380 | 0,000378 | -0,000003 | -0,70% | here |
| 1.A.2.g viii | 2,457 | 2,459 | 0,002 | 0,07% | here |
| 1.A.3.a i(i) | 0,0000006 | 0,0000001 | -0,0000005 | -83,52% | here |
| 1.A.3.a ii(i) | 0,000012 | 0,000002 | -0,000010 | -83,69% | here |
| 1.A.3.b i | 0,04035 | 0,04037 | 0,00001 | 0,03% | here |
| 1.A.3.b ii | 0,001107 | 0,001095 | -0,000012 | -1,10% | here |
| 1.A.3.b iii | 0,003074 | 0,003070 | -0,000004 | -0,15% | here |
| 1.A.3.b iv | 0,00099 | 0,00098 | -0,00001 | -1,10% | here |
| 1.A.3.c | 44,772 | 44,774 | 0,002 | 0,01% | here |
| 1.A.3.d ii | 0,62 | 0,55 | -0,07 | -11,17% | here |
| 1.A.4.a ii | 0,0000284 | 0,0000285 | 0,0000001 | 0,18% | here |
| 1.A.4.b i | 0,468 | 0,469 | 0,001 | 0,29% | here |
| 1.A.4.b ii | 0,0141 | 0,0144 | 0,0003 | 1,88% | here |
| 1.A.4.c ii | 0,0269 | 0,0264 | -0,0005 | -1,82% | here |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 138,99 | 137,54 | -1,45 | -1,04% | sub-category chapters |
| NFR 1 - Energy | 131,33 | 129,72 | -1,61 | -1,22% | sub-category chapters |
| 1.A.4.c iii | 0,0119 | 0,0075 | -0,0044 | -37,07% | here |
| 1.A.5.b | 0,0131 | 0,0039 | -0,01 | -69,92% | here |
| NFR 2 - IPPU | 7,66 | 7,82 | 0,16 | 2,10% | sub-category chapters |
| 2.A.3 | 0,0573 | 0,0393 | -0,02 | -31,43% | here |
| 2.D.3.g | NA | 0,01 | 0,01 | | here |
| 2.G | 1,73 | 1,90 | 0,17 | 9,91% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |